



520.43276X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Y. MOMOI, et al
Serial No.: 10/716,485
Filed: November 20, 2003
For: POSITION MEASURING APPARATUS
Group: 3732
Examiner:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 10, 2004

Sir:

In the matter of the above-identified application, applicant(s) is/are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits and by the following certification specified in 37 CFR 1.97(e).

On information and belief, each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

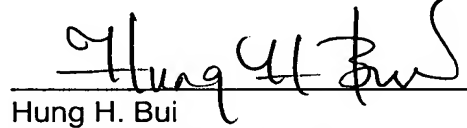
To the extent that, the documents listed on the attached form equivalent to Form PTO-1449, are not in the English language, the requirement of 37 CFR

1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

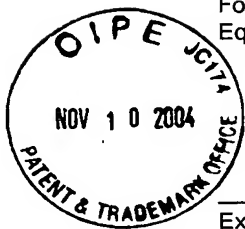
Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (520.43276X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Hung H. Bui", is written over a horizontal line.

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Form PTO-1449
Equivalent

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 520.43276X00
Serial No. 10/716,485
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U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
	5,954,648	9/99	Van Der Brug		
	6,187,018 B1	2/01	Sanjay-Gopal et al		
	US 2001/0034530 A1	10/01	Malackowski et al		
	6,447,503 B1	9/02	Wynne et al		
	US 2002/0188194 A1	12/02	Cosman		

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
100 377 771 A1	2/02	Deutschland		

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;
Draw line through citation if not in conformance and not considered. Include copy of this form with next
communication to applicant.